

FIGURE 1A

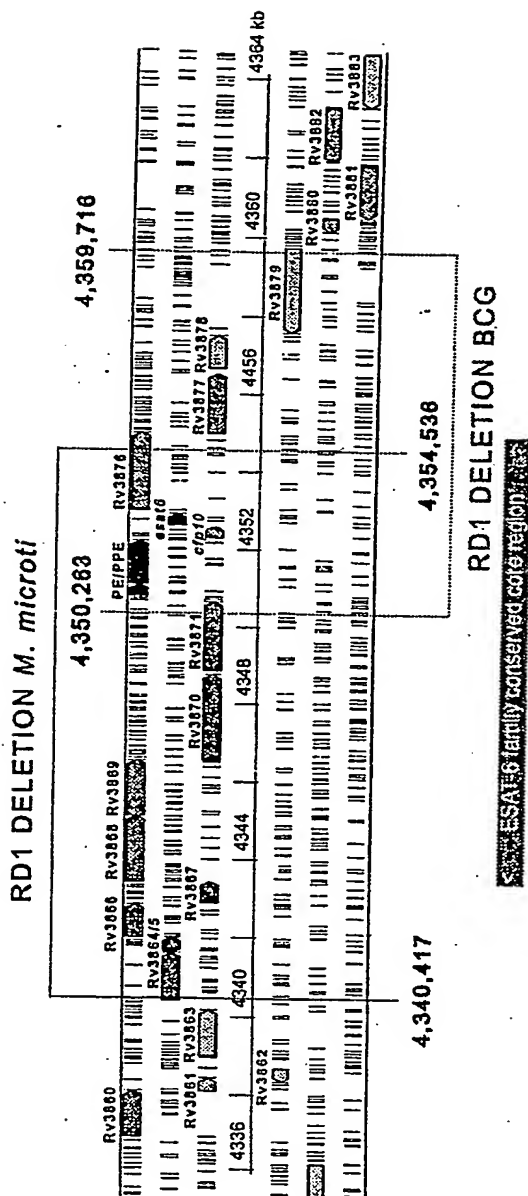


FIGURE 1B

Deleted Region	Coordinates (kilobase)	Putative virulence genes and their function	Integrating clones
RD3	1779-1788	Prophage phiRv1 (Rv1573-1586)	RD3-1301
RD4	1696-1708	Extracellular polysaccharide synthesis (Rv1511-Rv1514)	RD4-1375
RD5	2626-2635	Phospholipase operon (<i>plcA</i> , <i>plcB</i> , <i>plcC</i>)	RD5-1B1
RD7	2208-2220	Adhesin/invasin (<i>mce3</i> operon)	RD7-1B9
RD9	2330-2332	Cobalamin synthesis (<i>cobL</i>)	RD9-1493

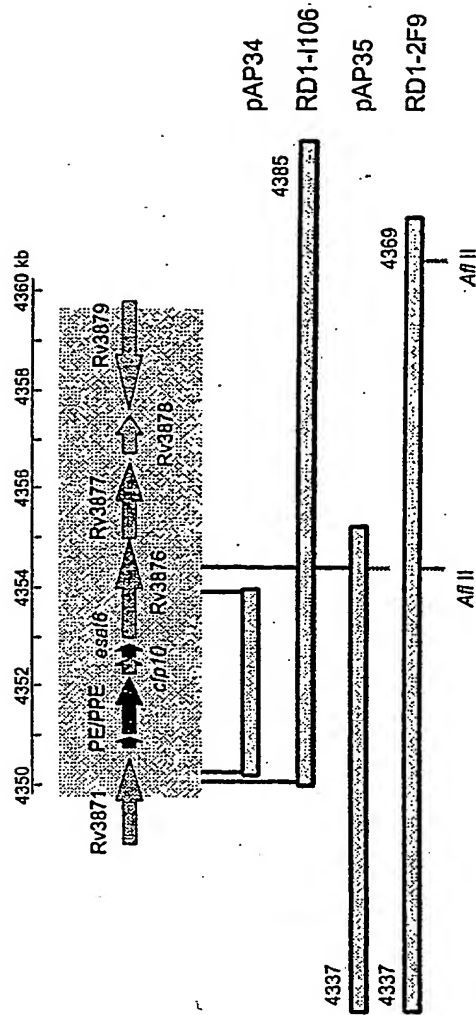


FIGURE 1C

1 2 3 4 5 6 7 8



FIGURE 1D

FIGURE 2A

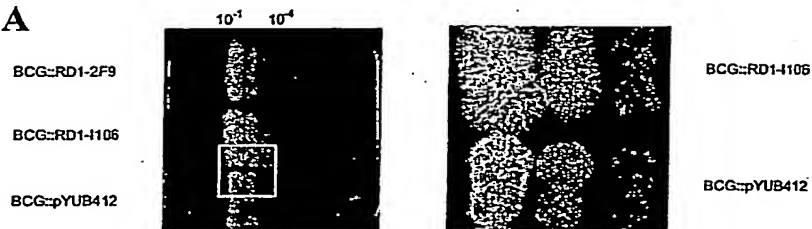


FIGURE 2B



FIGURE 2C

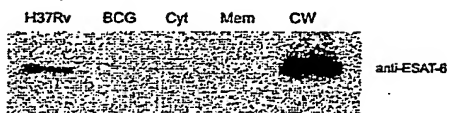


FIGURE 2D

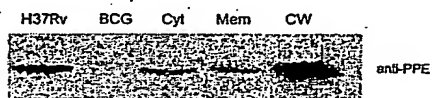


FIGURE 3A

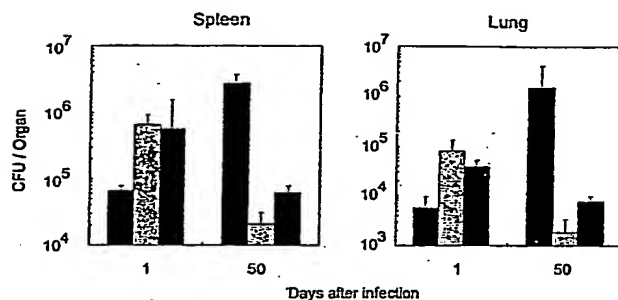


FIGURE 3B

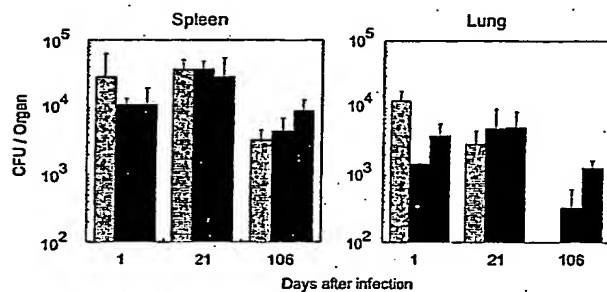


FIGURE 3C

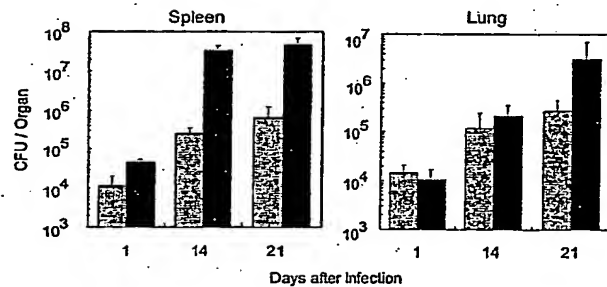


FIGURE 3D

BCG::RD1-2F9

BCG::pYUB412

BCG::RD3-I301



FIGURE 4A

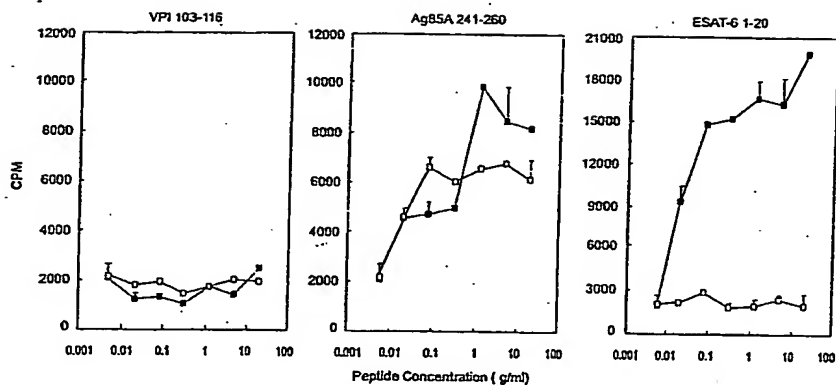


FIGURE 4B

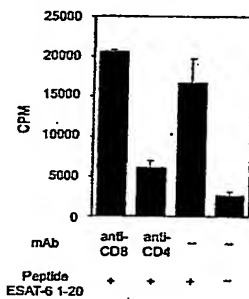


FIGURE 4C

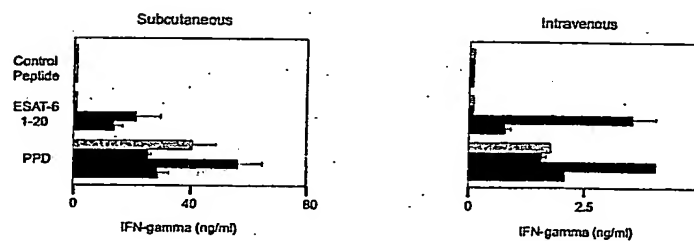
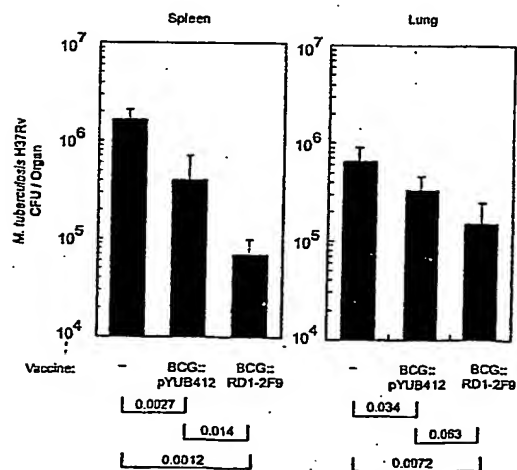


FIGURE 4D



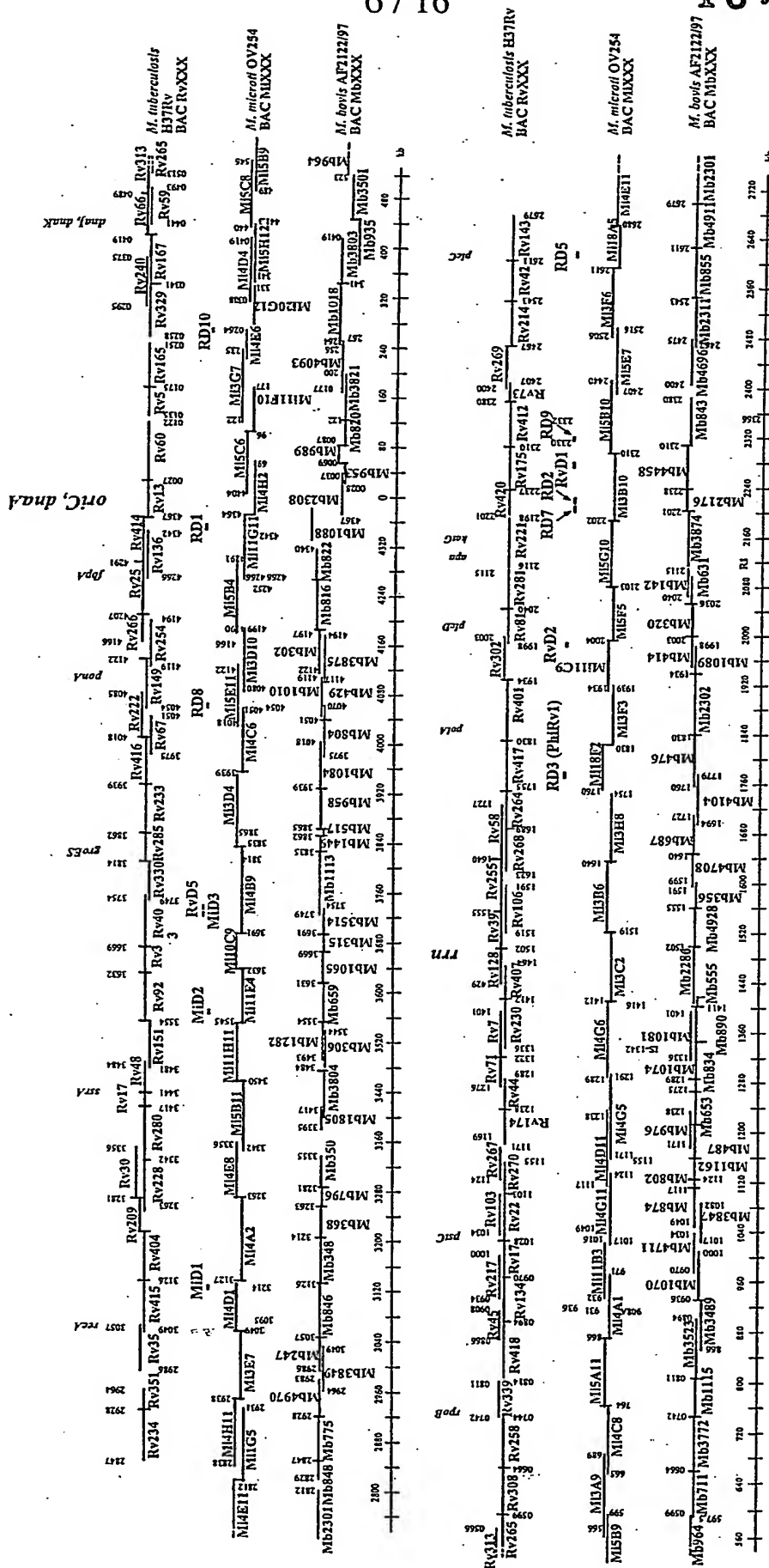
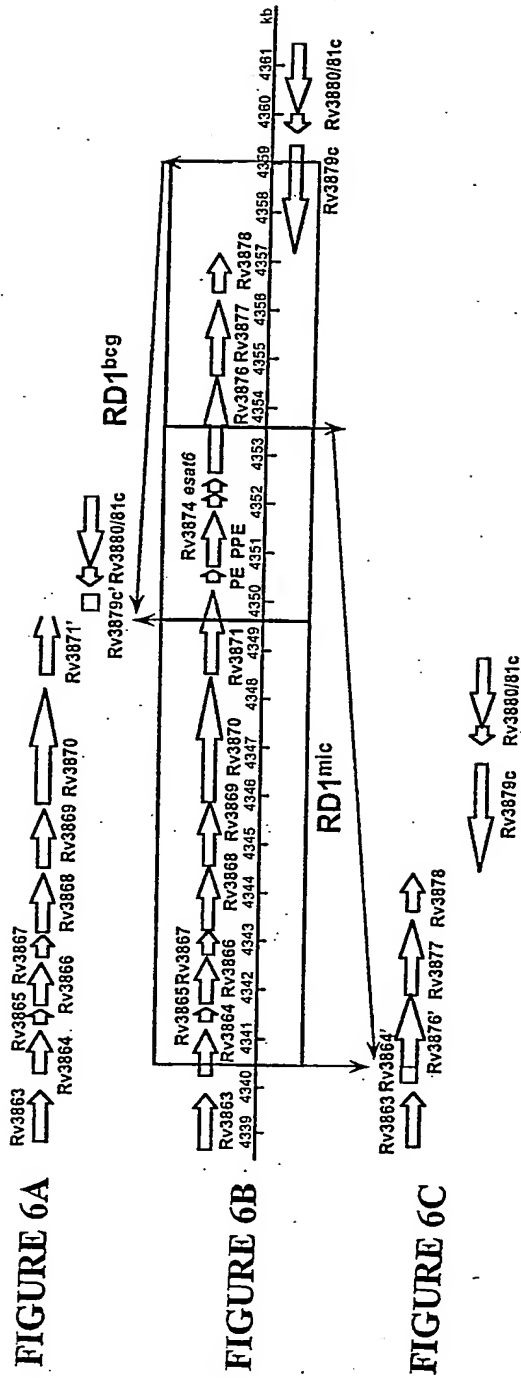


FIGURE 5



10/510021

FIGURE 7A

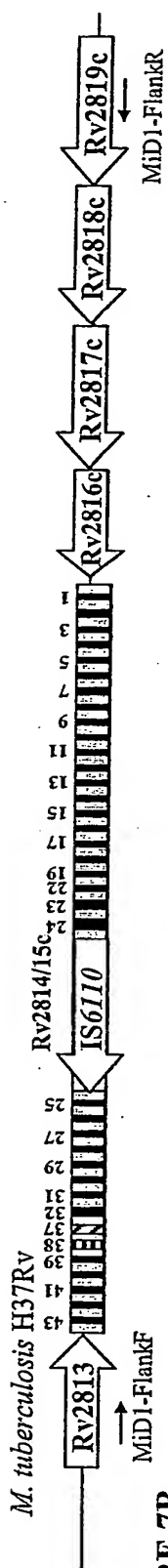


FIGURE 7B

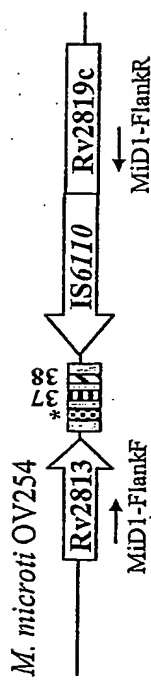


FIGURE 8A

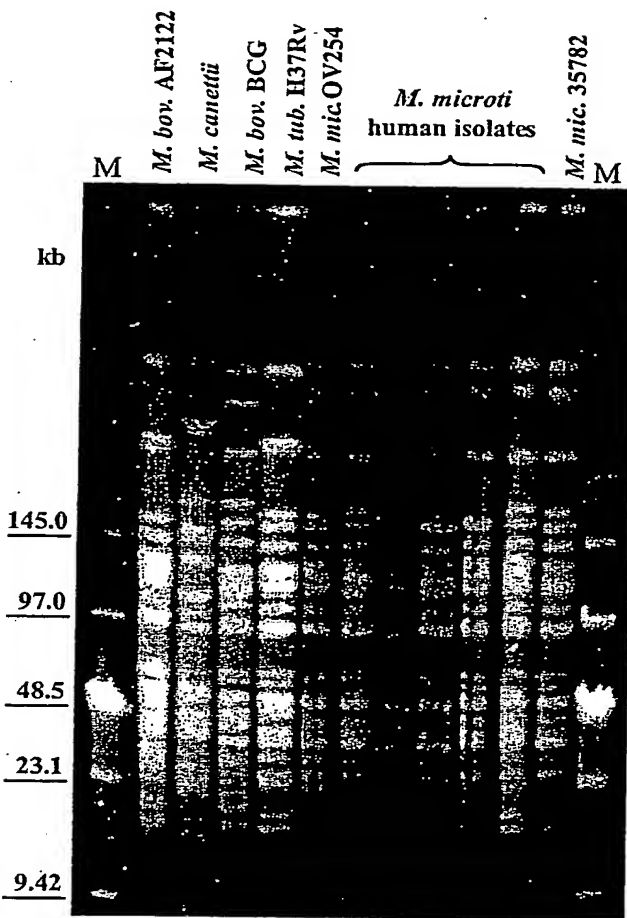


FIGURE 8B

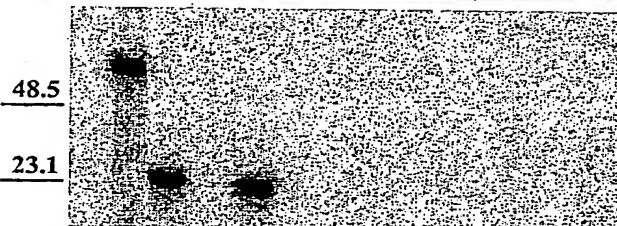


FIGURE 8C

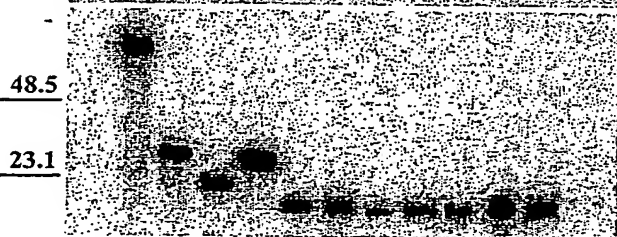
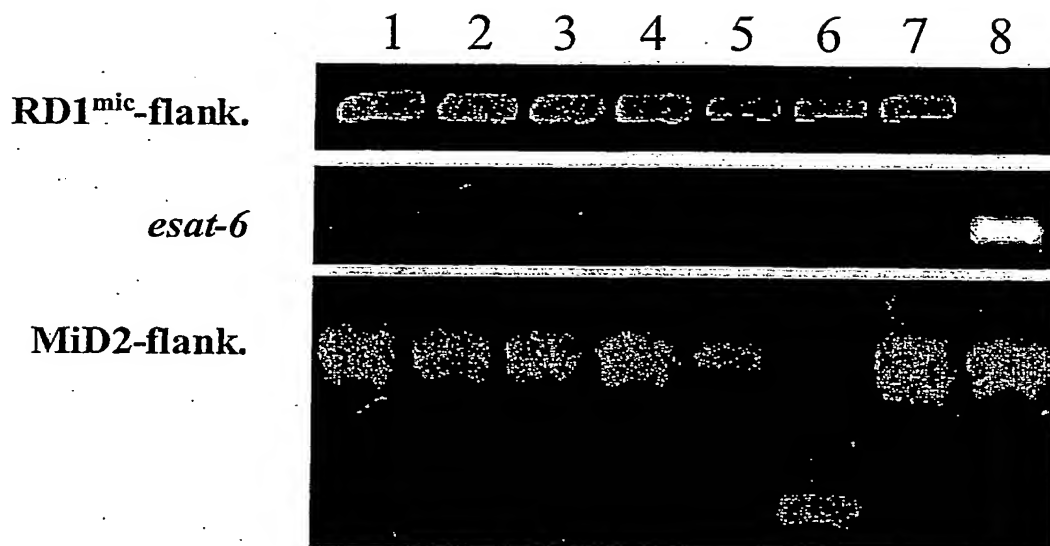


FIGURE 8D



10 / 16

10/510021



BEST AVAILABLE COPY

FIGURE 9

10/510021

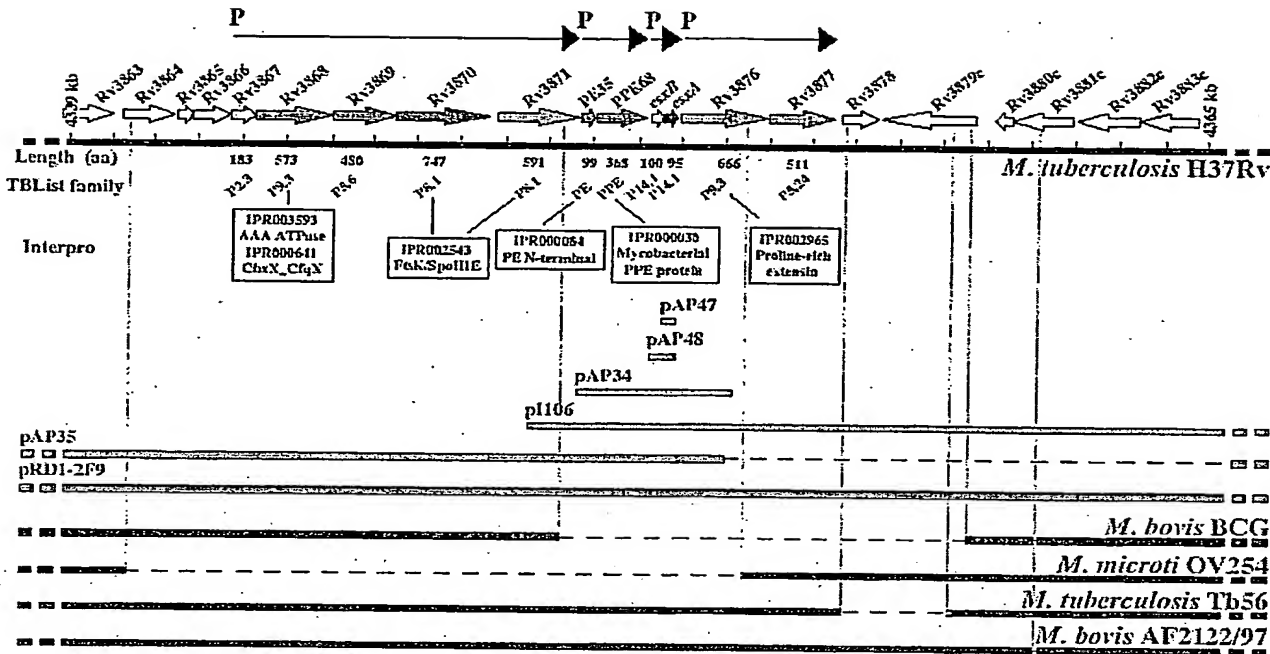


FIGURE 10

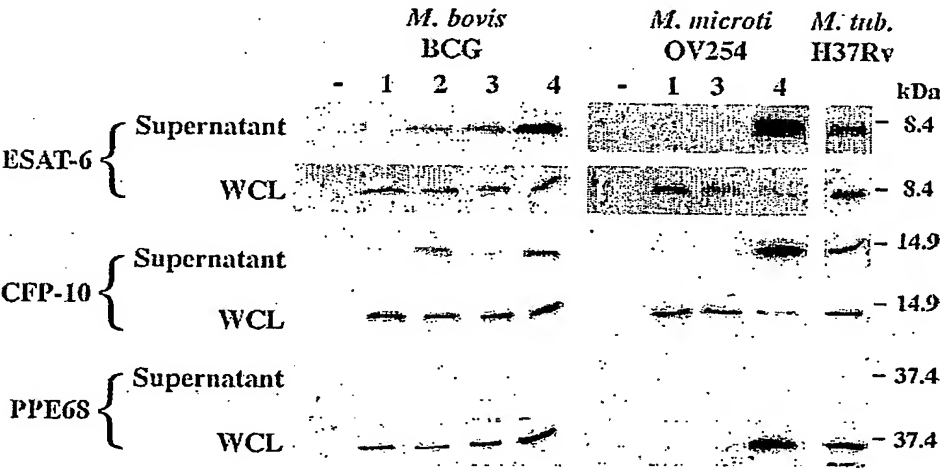


FIGURE 11

10/510021

12 / 16

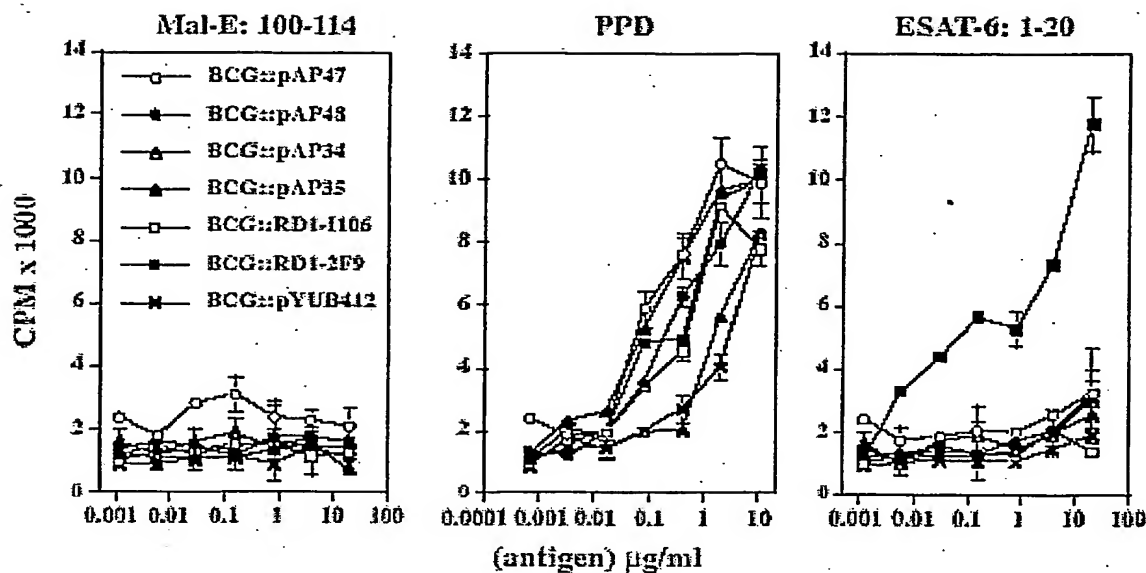


FIGURE 12A

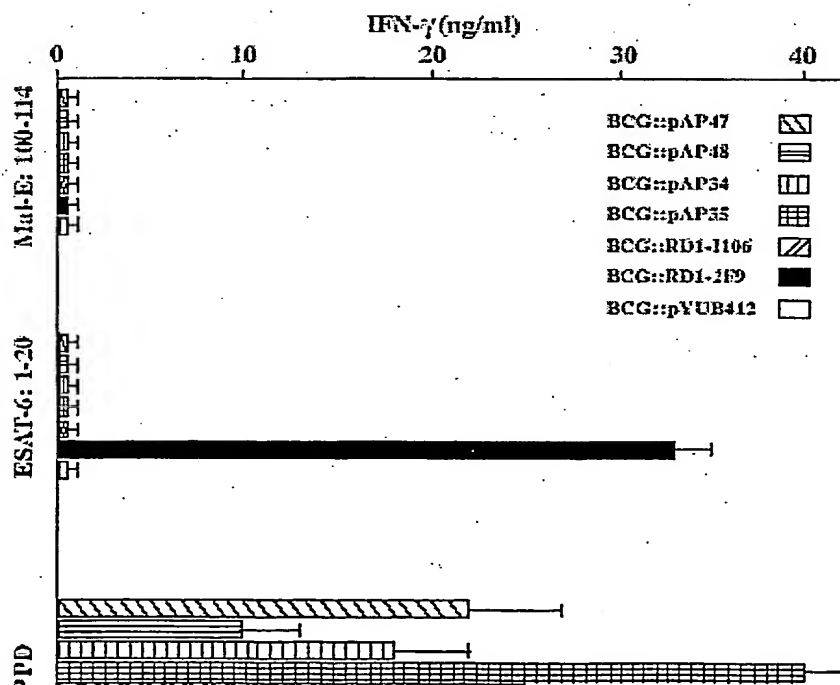


FIGURE 12B

13 / 16

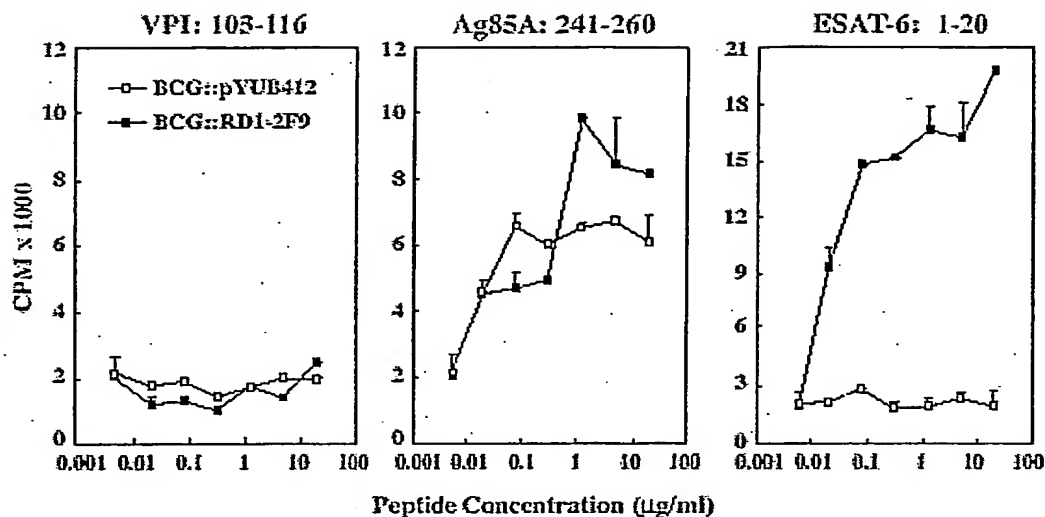


FIGURE 13A

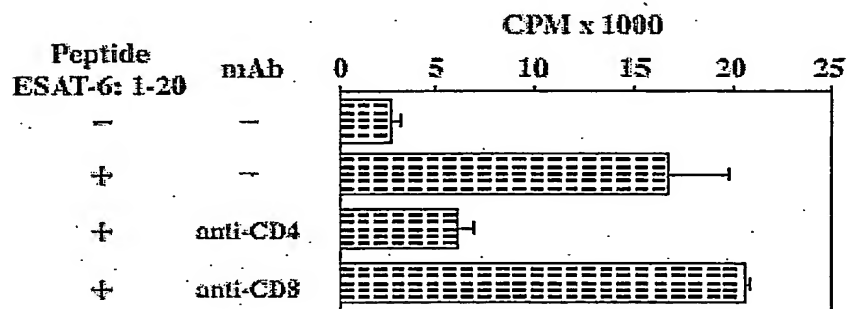


FIGURE 13B

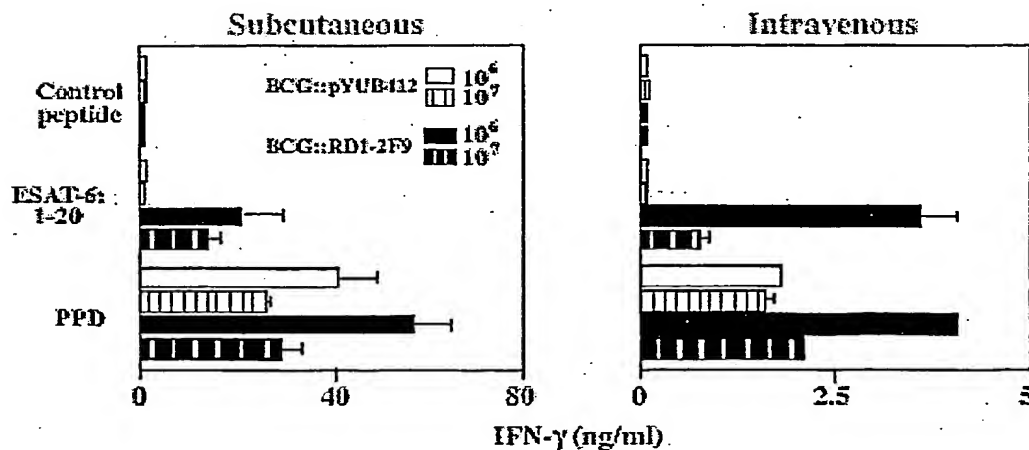


FIGURE 13C

14/16

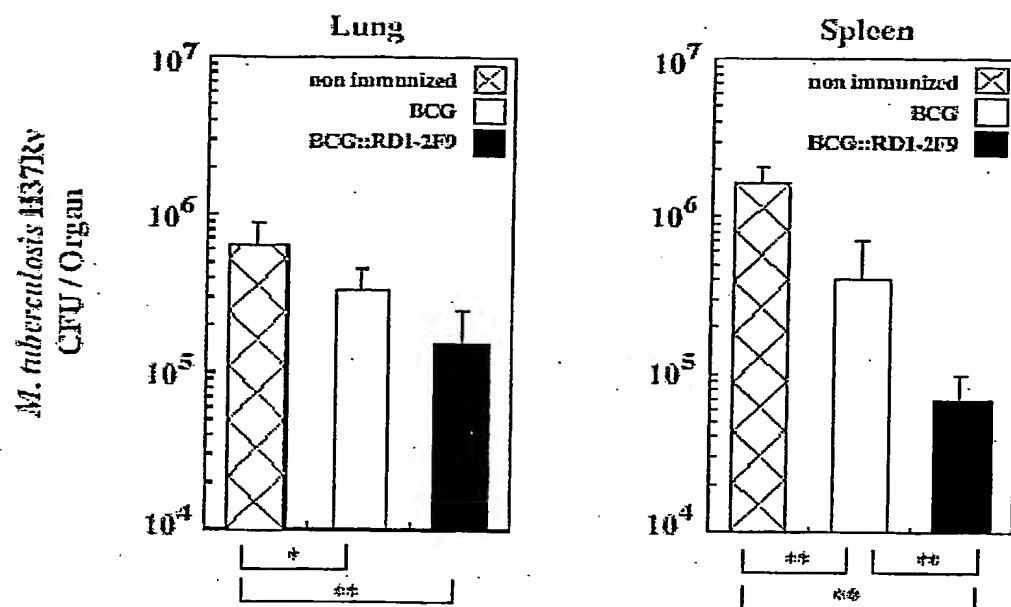


FIGURE 14A

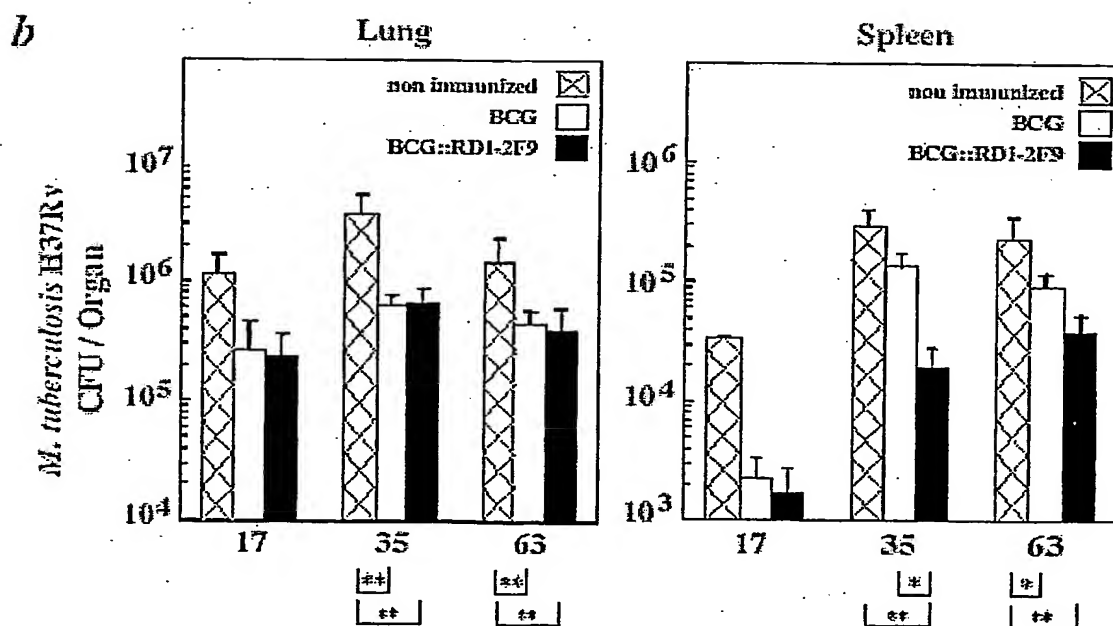


FIGURE 14B

10/510021

15/16

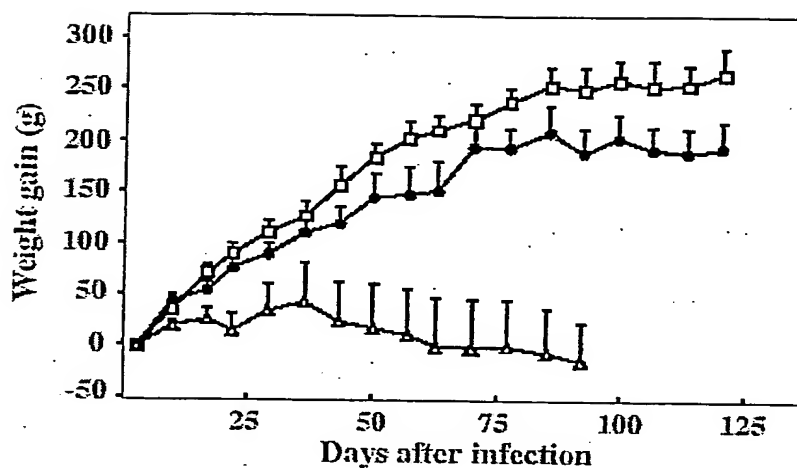


FIGURE 15A

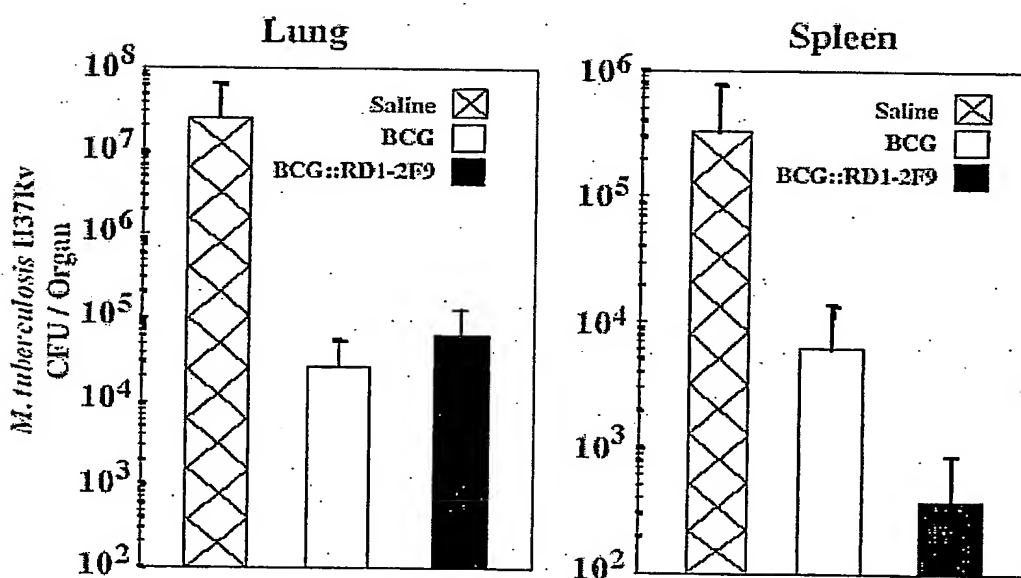


FIGURE 15B

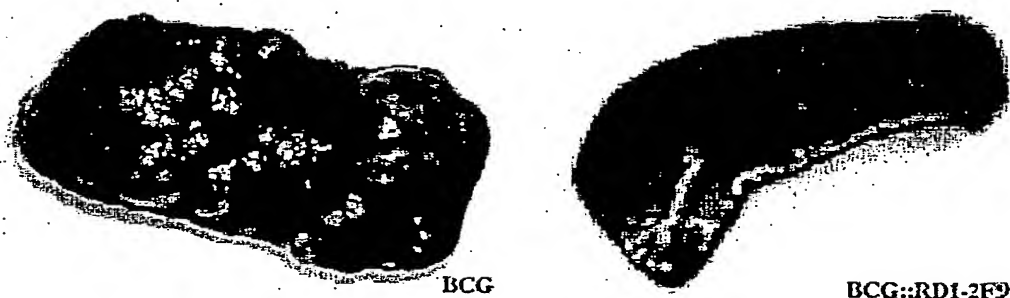


FIGURE 15C

BEST AVAILABLE COPY

10/510021

16/16

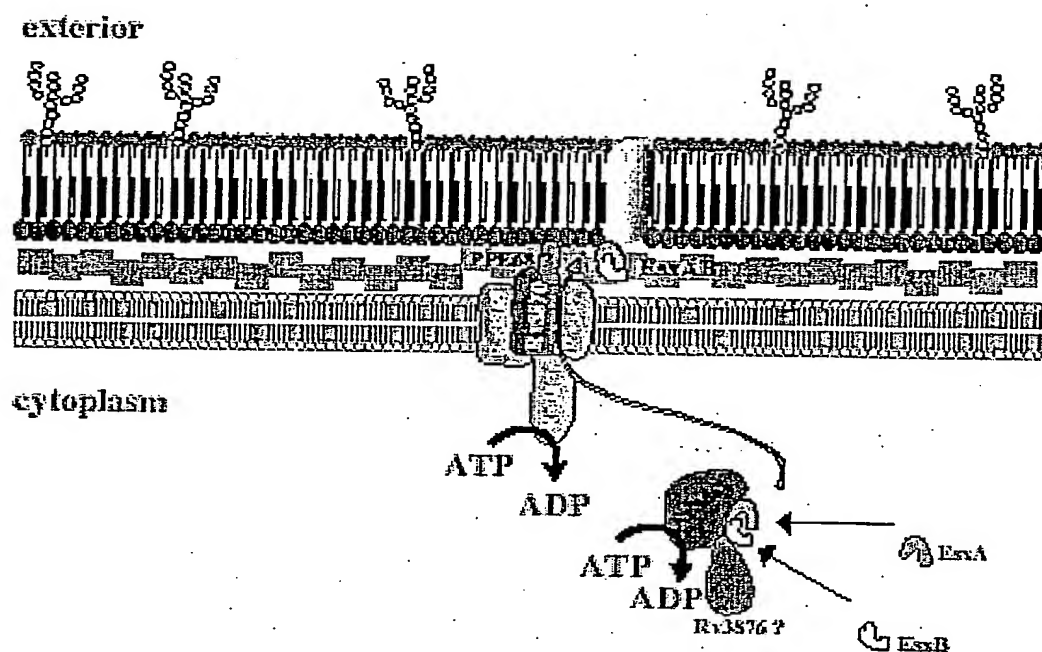


FIGURE 16